

AMENDED CLAIMS

[Received by the International Bureau on 18 April 2005 (18.04.2005);
original claim 1 to 18 replaced by amended claims 1 to 8 (4 page)]

1.A method for extracting a specific program(s) from a MPEG multiple program transport stream, comprising the steps of:

5 a. receiving a multiple program transport stream which includes transport stream packets;

 b. receiving the user selecting information for the specific program(s) contained in the multiple program transport stream;

 c. finding the transport stream packets of the non-user-selected program
10 from the multiple program transport stream according to the user selecting information for the specific program(s);

 d. setting the packet identifiers (PID) of the transport stream packets of the non-user-selected program into a specific value, which is the value of a null packet identifier.

15 2. The method according to claim 1, wherein said specific value as the null packet identifier is 0x1FFF (hexadecimal).

 3. The method according to claim 1, wherein step c comprises the steps of:

 finding the packet identifiers of the related transport stream packets from the program associated table according to the user selecting information for the
20 specific program(s), the transport stream packets contain the program mapping table for the selected program;

finding the packet identifiers of the transport stream packets related to the selected program from said program mapping table, and creating a packet identifiers list of the user selected program; and

5 comparing the received packet identifiers of the transport stream packets with the packet identifiers in the packet identifiers list of the user selected program, to find out the transport stream packets of the non-user-selected program.

4. The method according to claim 1, further comprises the step of:

e. amending the program associated table of the multiple program transport stream according to the user selecting information for the specific program(s).

10 5. A system for selecting a specific program(s) from a MPEG multiple program transport stream, comprising:

a program stream receiving means for receiving a multiple program transport stream which includes a transfer steam packet;

15 a user information receiving means for receiving the user selecting information for the specific program(s) contained in the multiple program transport stream;

20 transport stream packets identifying means for finding out the transport stream packets of the non-user-selected program from the multiple program transport stream according to the user selecting information for the specific program(s);

a null packet setting means for setting the packet identifiers (PID) of the transport stream packets of the non-user-selected program into a specific value, which is the value of a null packet identifier.

5 6. The system according to claim 5, wherein the specific value as the null packet identifier is 0x1FFF (hexadecimal).

7. The system according to the 5, wherein the transport stream packets identifying means comprises:

10 a program finding means for finding the packet identifiers of the related transport stream packets from the program associated table according to the user selecting information for the specific program(s); the transport stream packets contain the program mapping table of the selected program;

a packet identifiers finding means for finding the packet identifiers of the transport stream packets related to the selected program from said program mapping table, and creating a packet identifiers list of the user selected program;

15 a packet identifiers comparing means for comparing the received packet identifiers of the transport stream packets with the packet identifiers in said packet identifiers table of the user selected program, to find out the transport steam packet of the non-user- selected program.

8. The system according to claim 5, further comprises:

an information amending means for amending the program associated table of the multiple program transport stream according to the user selecting information for the specific program(s).

Statement under article 19(1) and Rule 46.4

According to Article 19 and Rule 46, we amend the claims of the international patent application PCT/IB2004/052274. Claims 1-8 are replaced by amended claims bearing the same numbers; claim 9 to 18 are cancelled. When we correct the translation errors of the original claims, we did not exceed the original essential meaning of the international patent application.

According to the comparison form and the replace sheet, we amend the claims as followings:

1. "comprising" in the claim 1 is replaced by "comprising the steps of".
2. "selecting" in the claim 1 and 5 is replaced by "extracting".
3. "transport packet" in the claim 1,3,5 and 7 is replaced by "transport stream packets".
4. "packet identification" in the claim 1,3,5,7 is replaced by "packet identifiers".
5. "null packet identification" in the claim 1,2,5,6 is replaced by "null packet identifier".
6. "specific program" in the claim 1,3,4,5,7 and 8 is replaced by "specific program(s)".
7. "being a null packet identification" in the claim 1 and 5 is replaced by "is the value of a null packet identifier."
8. "being" in the claim 2 is replaced by "is"
9. "mapping list" in the claim 3 and 7 is replaced by "mapping table".
10. "comprises" in the claim 3 is replaced by "comprises the steps of".
11. "comprises" in the claim 4 is replaced by "comprises the step of".
12. "contains" in the claims 3, 7 is replaced by "contain".